

SCOPUS

THE ANDERSEN COLLECTION FROM TANZANIA

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The thousands of specimens amassed by Thorkild Andersen during his 20 or more years' residence on sisal estates in eastern Tanzania up to 1967 represent one of the most comprehensive collections of bird skins from East Africa. Williams (1950) described *Cinnyris regia anderseni* from Mahari Mountain, and Friedmann & Stager (1964) listed specimens collected by Andersen in and around the Uluguru mountains, however, the majority of the specimens in this extraordinary collection have never been documented. I have traced 8532 skins, in Copenhagen (3949), Leiden (1749), Bonn (1578), Stuttgart (971), Basel (280) and New York (5).

In July 1978 I personally examined the 5698 specimens of 688 species in Copenhagen and Leiden, and I have since received lists of the specimens in Stuttgart, Basel and New York. In Copenhagen there are valuable collections from West Lake (north of the Kagera River), Kigoma (especially Mahari Mountain), the Njombe highlands and Ruvuma (Songea), as well as comprehensive collections from the eastern areas where Andersen lived, especially the Uluguru and Pare mountains, Mikindani, Soga, Kidugallo and Lembeni. Each of the smaller collections has a particular geographical bias: Leiden specimens are mainly from Mikindani, though Morogoro and Rovuma regions are well represented too; Stuttgart specimens are mainly from the Kilimanjaro region while 221 of the Basel specimens are from Soga.

The early production of this report is necessitated by the anticipated completion of a definitive work on the status, habitat and distribution of East African birds by the members of the Ornithological Sub-Committee of the EANES early next year. The following systematic list details selected specimens in Leiden, Stuttgart, Basel and New York. At the request of N.-E. Franzmann (*in litt.*) I have excluded specimens in Copenhagen as these will be reported on eventually elsewhere by him. Andersen collected 21 species and 5 subspecies previously unrecorded in Tanzania, most of which are in Copenhagen (from West Lake); additions to the avifauna of Tanzania contained in this Copenhagen part of the collection and excluded from the systematic list below are: Afep Pigeon *Columba unicolor*, Great Blue Turaco *Corythaeola cristata*, Black-billed Turaco *Tauraco schuetti*, European Scops Owl *Otus scops scops* (in the North Pare mountains), Yellow-spotted Barbet *Buccanodon duchaillui*, Hairy-breasted Barbet *Lybius hirsutus*, White-headed Barbet *L. leucocephalus leucocephalus* (other races recorded), Brown-eared Woodpecker *Campethera caroli*, Buff-spotted Woodpecker *C. nivosus*, White-throated Swallow *Hirundo albigularis* (at Lake Jipe), Pale-breasted Illadopsis *Trichastoma rufipennis rufipennis* (race *distans* recorded), Little Greenbul *Andropadus virens holochlorus* (other races recorded), Bristlebill *Bleda syndactyla*, Nicator *Nicator chloris*

chloris (race *gularis* recorded), Rufous Thrush *Stizorhina fraseri*, Masked Apalis *Apalis binotata binotata*, Buff-throated Apalis *A. rufogularis nigrescens*, Jameson's Wattle-eye *Platysteira blissetti*, Chestnut Wattle-eye *P. castanea*, Dusky Crested Flycatcher *Trochocercus nigromitratus*, Grey-throated Flycatcher *Myioparus griseigularis*, Grey-headed Sunbird *Anthreptes fraseri axillaris* and Superb Sunbird *Nectarinia superba*.

SYSTEMATIC LIST

The 102 species selected include only three additions to the avifauna of Tanzania (marked *). Many of Andersen's extensions of range within the country are of greater interest than his additions to the avifauna, most of which are predictable on zoogeographic grounds. A thorough evaluation of the majority of the records listed is not possible in the limited space available. With the exception of species more properly documented elsewhere, the suitability of an entry has been decided on the basis of 'gaps' in the distribution maps in Hall & Moreau (1970) and Snow (1978). The virtual absence of plots at Mikindani in Snow (1978) suggests that few Andersen specimens were included in this work, though some were evidently available to Hall & Moreau (1970). Entries other than distributional records include dates for selected intra-African and Malagasy migrants. The following collecting localities are mentioned:

- Bagilo, 1800 m, Uluguru mountains, Morogoro, 7°00'S., 37°42'E.
 Bahi, 900 m, Dodoma, 5°59'S., 35°19'E.
 Jipe, Lake, 700 m, Kilimanjaro, 3°35'S., 37°45'E.
 Kidugallo, 300 m, Morogoro, 6°47'S., 38°12'E.
 Kilimarondo, 600 m, Lindi, 10°33'S., 38°00'E.
 Kitangari, west of, 700 m, Mtwara, 10°39'S., 39°18'E.
 Lembeni, 900 m, Kilimanjaro, 3°47'S., 37°37'E.
 Mahari Mountain, 1500 m, Kigoma, 6°12'S., 29°50'E.
 Mikindani, near sea level, Mtwara, 10°17'S., 40°07'E.
 Minziro, 1200 m, West Lake, 1°03'S., 31°32'E.
 Misasa, 300 m, Coast, 6°32'S., 38°11'E.
 Namabengo, 1100 m, Ruvuma, 10°33'S., 35°51'E.
 Nandembo, 600 m, Mtwara, 10°57'S., 38°06'E.
 Nguhi, 150 m, Coast, 6°43'S., 38°40'E.
 North Pare mountains, mainly 800-1000 m, Kilimanjaro, c. 3°45'S., 37°40'E.
 Ruaha, 600 m, on the Ruaha River, 7°26'S., 36°31'E.
 Soga, 150 m, Coast, 6°50'S., 38°52'E.
 South Pare mountains, mainly 800-1000 m, Kilimanjaro, c. 4°15'S., 37°52'E.
 Tegetero, 900 m, eastern slopes of the Uluguru mountains, Morogoro, 6°56'S., 37°43'E.
 Uluguru mountains, mainly 800-1000 m, Morogoro, c. 7°10'S., 37°40'E.

ARDEOLA IDAE Madagascar Squacco Heron
 3 males and 2 females at Mikindani, 8 to 20 May.

IXOBRYCHUS STURMII Dwarf Bittern
 Male at Mikindani, 19 Feb 1965, female at North Pare Mt, 19 Apr 1958.

ANAS SPARSA LEUCOSTIGMA Black Duck
 Male at Bagilo, 22 Jan 1961.

NETTA ERYTHROPHALMA African Pochard
 Male and female at Mikindani, 26 Apr 1965; also Lembeni and Lake Jipe.

NETTAPUS AURITUS Pygmy Goose

Soga, Mikindani and South Pare mountains.

DENDROCYGNA BICOLOR Fulvous Tree Duck

Male and female at South Pare mountains, 28 Apr 1957.

ACCIPITER BADIUS POLYZONOIDES Shikra

3 at Kitangari, 4 at Mikindani.

ACCIPITER MELANOLEUCUS Great Sparrow Hawk

Male at Kidugallo, 29 Jly 1965.

AQUILA WAHLBERGI Wahlberg's Eagle

Male at Soga, 21 Oct 1960; male at Mikindani, 15 Feb 1966; male at Kitangari, 30 Jan 1966.

AVICEDA CUCULOIDES Cuckoo Falcon

Female at Mikindani, 12 Nov 1965.

CIRCAETUS FASCIOLATUS Southern Banded Snake Eagle

Female at Kitangari, 26 Jan 1966.

MELIERAX GABAR Gabar Goshawk

Soga, Kidugallo, 4 at North Pare mountains, 3 at Mikindani.

FERNIS APIVORUS Honey Buzzard

Mikindani, females on 15 Feb 1966 and 1 Apr 1966, male on 18 Apr 1966; female at Kitangari on 14 Jan 1966. Backhurst, Britton & Mann (1973) give few records.

FALCO AMURENSIS Eastern Red-footed Falcon

Females at Mikindani, 17 and 26 Mar 1965.

FALCO CHICQUERA Red-necked Falcon

Male and female at Mikindani.

FALCO CUVIERI African Hobby

Male and female at Mikindani.

FRANCOLINUS AFER Red-necked Spurfowl

Mikindani and Kilimarondo.

FRANCOLINUS COQUI Coqui Francolin

Male at Kilimarondo, 11 Oct 1964.

FRANCOLINUS SHELLYI ULUENSIS Shelley's Francolin

Female from 3 in North Pare mountains, 17 May 1958.

CREX CREX Corncrake

Female at Mikindani, 17 Mar 1965.

CREX EGREGIA African Crake

Male at Mikindani, 10 Jun 1965.

FULICA CRISTATA Red-knobbed Coot

Female at Kidugallo, 1 Apr 1955.

LIMNOCORAX FLAVIROSTRA Black Crake

3 males and 5 females at Mikindani.

CHARADRIUS DUBIUS Little Ringed Plover

Male from 8 at Kidugallo, 23 Jan 1954; female at North Pare mountains, 29 Nov 1957. Two previous records (Backhurst *et al.* 1973).

PLUVIALIS DOMINICA FULVA Lesser Golden Plover

Adult female in partial breeding dress on fallow land in sisal at Mikindani, 15 Nov 1965, moulting primaries; immature males, moulting body plumage, on open sandy patches in sisal at Soga on 31 Dec 1961 and 5 Jan 1962. The few East African records are reviewed by Plumb (1978).

PLUVIALIS SQUATAROLA Grey Plover

Female in partial breeding plumage at a small lake north of the Ulugurus, 16 Sep 1953; uncommon inland in East Africa.

VANELLUS ARMATUS Blacksmith Plover

Two females and a male at Kidugallo, 8-10 Aug 1965.

GALLINAGO MEDIA Great Snipe

Male at Lake Jipe, 15 Dec 1957.

CHLIDONIAS HYBRIDUS DELALANDII Whiskered Tern

Female at Mikindani, 17 Oct 1965.

OENA CAPENSIS Namaqua Dove

Seven males and two females at Mikindani, 19 Apr to 7 Jly.

TURTUR AFER Blue-spotted Wood Dove

Male in the Ulugurus, 29 Sep 1958.

CERCOCOCCYX MONTANUS Barred Long-tailed Cuckoo

Males in thick bush at Mikindani on 20 Jan 1965 and Soga on 5 Jan 1962.

CHRYSOCOCCYX CUPREUS Emerald Cuckoo

Soga, Kidugallo and Mikindani.

CLAMATOR GLANDARIUS Great Spotted Cuckoo

Mikindani in Mar, Oct (2) and Dec.

CLAMATOR JACOBINUS PICA Black and White Cuckoo

Four at Mikindani, 20 Feb to 28 Mar 1965; Kitangari, 31 Jan 1966.

CLAMATOR LEVAILLANTII Levaillant's Cuckoo

Five at Mikindani, 19 Nov to 15 Apr.

CUCULUS CANORUS European Cuckoo

Males at Mikindani 2 Mar 1965 and 6 Jun 1965; female at Soga, 3 Apr 1961; female at Namabengo, 16 Mar 1966.

CUCULUS CLAMOSUS Black Cuckoo

Four males and two females at Mikindani and a male and female at Kitangari between 16 Nov and 20 Jan.

CUCULUS POLIOCEPHALUS Lesser Cuckoo

Nominate male at Mikindani, 5 Mar 1965, wing-length 154 mm; hepatic females at Mikindani, 4 Mar 1965 and at 1800 m in the Ulugurus, 1 Mar 1962.

CUCULUS SOLITARIUS Red-chested Cuckoo

Males at Mikindani, 18 Nov 1965 and 19 Jan 1965; female there on 30 Mar 1966.

GLAUCIDIUM PERLATUM Pearl-spotted Owllet

Males at Mikindani, 17 Mar 1965 and 3 Jly 1966.

CYPSIURUS PARVUS Palm Swift

Male at Mikindani, 1 Feb 1965.

APALODERMA NARINA Narina's Trogon

Male at Mikindani, 12 Nov 1965.

CERYLE MAXIMA Giant Kingfisher

Females at Mikindani, 17 Oct 1964 and 2 Nov 1964; female at Kidugallo, 4 Sep 1958.

HALCYON LEUCOCEPHALA Chestnut-bellied Kingfisher

Male at Mikindani, 25 Feb 1965; male and female at Kitangari, Jan 1966.

ISPIDINA PICTA NATALENSIS Pygmy Kingfisher

Mikindani in Jan, Mar and Jun (2); Namabengo in Nov; Kitangari in Jan (2).

EURYSTOMUS GLAUCURUS SUAHELICUS Broad-billed Roller

Five at Mikindani, 22 Oct to 22 Feb; 3 at Kitangari, Jan 1966.

PHOENICULUS MINOR Abyssinian Scimitarbill

Female at Ruaha, 17 Jan 1952.

BYCANISTES BREVIS Silvery-cheeked Hornbill

Male and female at South Pare mountains.

BYCANISTES BUCINATOR Trumpeter Hornbill

Male at Mikindani, 1 Jun 1965; also in North Pare mountains.

**LYBIUS FRONTATUS* Miombo Pied Barbet

A female in miombo woodland at Namabengo on 21 May 1964 is the first record for East Africa. It no doubt occurs in parts of Mbeya as it is widely distributed in the adjacent Karonga District of northern Malawi (Benson & Benson 1949). There is no previous record of this miombo endemic east of Lake Malawi (Benson & Irwin 1966, Snow 1978).

PRODOTISCUS REGULUS Wahlberg's Honeyguide

Males at Mikindani on 8 and 21 Jly 1966.

CAMPETHERA ABINGONI Golden-tailed Woodpecker

Three females at Mikindani.

DENDROPICOS FUSCESCENS Cardinal Woodpecker

Four males and five females at Mikindani.

SMITHORNIS CAPENSIS CAPENSIS African Broadbill

Namabengo.

PITTA ANGOLENSIS African Pitta

Three males and one female at Mikindani, 25 Nov to 28 Jan; male at Lembeni, 3 Apr 1960; these were not included by Britton & Rathbun (1978).

MIRAFRA AFRICANA TRANSVAALENSIS Rufous-naped Lark

Male at Soga.

EREMOPTERIX LEUCOTIS Chestnut-backed Sparrow Lark

Ten males and a female at Mikindani are probably referable to the race *madaraszi*. These soil-stained specimens were not examined critically.

DICRURUS LUDWIGII Square-tailed Drongo

In thick bush at Mikindani and Kidugallo and in thick forest at Bagilo.

ORIOULUS AURATUS NOTATUS African Golden Oriole

Two males and one female at Namabengo, 17 Nov 1964; female at Kidugallo, 26 Jly 1964; male at Kitangari, 6 Jan 1966; female at Mikindani, 2 Mar 1965; male at Misasa, 28 Jun 1953.

CORACINA PECTORALIS White-breasted Cuckoo-shrike
Female at Mikindani.

THAMNOLAEA ARNOTI White-headed Black Chat
Male and female at Kilimarondo.

According to White (1962b) it ranges north to Tabora and east to Morogoro, and W.G. Harvey (pers. comm.) has recorded it north to West Lake, yet the map of Tanzania is blank in Hall & Moreau (1970). This error, involving the transposal of *arnoti* and *nigra* plots on maps 130 and 131, was not corrected by Snow (1978:384).

ACROCEPHALUS BAETICATUS African Reed Warbler
Mikindani in Jan, Jly (4) and Dec.

ACROCEPHALUS GRISELDIS Basra Reed Warbler
Females at Mikindani in 1965 on 23 Jan, 24 Mar and 6 Dec; male at Soga, 30 Nov 1960; all were associated with swamp. Its status in East Africa has been reviewed by Pearson, Britton & Britton (1978); these four Andersen specimens extend the known range in Tanzania south from Tanga and Kilosa to just over 10°S.

**BATHMOCERCUS RUFUS* Black-faced Rufous Warbler
A male at Minziro on 27 Dec 1953 is the first record for Tanzania; a male now in Copenhagen was collected on the same day.

BRADYPTERUS BABOECALA Little Rush Warbler
Two males and one female at Mikindani and a male at Soga.

CISTICOLA BRACHYPTERA ISABELLINA Siffling Cisticola
Male at Mikindani.

CISTICOLA ERYTHROPS NYASA Red-faced Cisticola
Four males and eight females at Mikindani.

CISTICOLA JUNCIDUS TERRESTRIS Zitting Cisticola
Male and female at Mikindani.

CISTICOLA NATALENSIS NATALENSIS Croaking Cisticola
Five males and two females at Mikindani.

HELIOLAIS ERYTHROPTERA Red-wing Warbler
Two males and two females in patches of grass in open woodland at Mikindani.

HYLIOTA FLAVIGASTER BARBOZAE Yellow-bellied Hyliota
Mahari Mt, 1500 m, forest with bamboo, 8 Nov 1949.

BIAS MUSICUS Black and White Flycatcher
Three males and five females at Mikindani.

MALACONOTUS ALIUS Uluguru Bush Shrike (Black-cap Bush Shrike)
Andersen collected at least seven specimens of this very rare bird in the Ulugurus between 22 May 1952 and 25 Mar 1961; these are in Copenhagen (4), New York (2) and Los Angeles (Friedmann & Stager 1964). Six are labelled Bagilo, which is the type locality.

LANIUS CABANISI Long-tailed Fiscal
Collected at various localities south to Kidugallo; given as south to Morogoro by White (1962b), though there are no plots south of 5°S. in Hall & Moreau (1970).

TMETOTHYLACUS TENELLUS Golden Pipit

Male at Mikindani, 9 Mar 1963.

CINNYRICINCLUS LEUCOGASTER Violet-backed Starling

Mikindani in June (3), Jul (2), Oct, Dec (2).

CREATOPHORA CINEREA Wattled Starling

Mikindani in May (2), June (2) and Jly (4).

**POEOPTERA STUHLMANNI* Stuhlmann's Starling

A female from six on Mahari Mt, 18 Oct 1949 is the first record for Tanzania. A male in Copenhagen is from the same party.

ANTHREPTES NEGLECTUS Uluguru Violet-backed Sunbird

In open woodland and bush country at Mikindani (four males and five females), Soga (female) and Nguhi (male); in forest in the Ulugurus (male and two females).

This is typically a bird of forest or forest edge, whereas the very similar *A. longuemarei* and *A. orientalis* occupy woodland habitats. All three occur in eastern Tanzania, including Andersen specimens of *longuemarei* at Namabengo and Nandembo, and *orientalis* at Bahi and the North Pare mountains. According to Mackworth-Praed & Grant (1960) and White (1963), *longuemarei* occurs in eastern Tanzania north to Dar es Salaam, and there are plots at Mikindani and Dar es Salaam in Hall & Moreau (1970). Since the majority of Andersen's specimens of *neglectus* were labelled *longuemarei*, and since sympatry of *longuemarei* and *neglectus* in non-forest habitats at Mikindani is unlikely, this Hall & Moreau plot is probably an error for *neglectus*. In their list of birds occurring in the Dar es Salaam area, Harvey & Howell (in prep.) include *neglectus* for the Pugu Hills but make no mention of *longuemarei*. In view of the occurrence of *neglectus* in woodland at Soga, only 50 km west of Dar es Salaam, there is reason to doubt this early record of *longuemarei* at Dar es Salaam, perhaps due to an error in labelling or to confusion arising out of repeated changes in nomenclature and the comparatively late recognition of *neglectus* (described in 1922). According to Benson & Irwin (1966), *longuemarei* is confined to miombo woodland within the miombo belt, and in Tanzania it probably is confined to miombo. The coastal strip and eastern mountains are occupied by *neglectus*, discontinuously north to the lower Tana River in Kenya (Keith 1968), and including the Shimba Hills whence a male, collected by J.M. Ithia on 27 Apr 1977, was supplied to Leiden as part of a recent consignment of skins from Kenya.

ANTHREPTES RUBRITORQUES Banded Green Sunbird

Two males from the Ulugurus on 2 and 3 Jly 1955; a Tanzanian endemic previously recorded in the Ngurus and Usambaras (White 1963).

NECTARINIA AMETHYSTINA Amethyst Sunbird

Three males at Mikindani; male and female at Kidugallo: male north of the Ulugurus.

NECTARINIA OLIVACEA Olive Sunbird

Seven males and two females at Mikindani, race *changamwensis*; male at Minziro, 28 Dec 1953, race *ragazzii*.

NECTARINIA TALATALA White-bellied Sunbird

Males in open bush country at Mikindani on 5 Jly and 3 Aug 1966

ANOMALOSPIZA IMBERBIS Parasitic Weaver

Two males at Soga.

MALIMBUS RUBRICEPS RUBRICEPS Red-headed Weaver

Two males and a female at Mikindani.

PLOCEUS INTERMEDIUS CABANISI Masked Weaver

Seven males and five females at Mikindani.

PLOCEUS SUPERCILIOSUS Compact Weaver

Male at Minziro, 1 Mar 1954.

Though previously collected at Bukoba (Friedmann & Loveridge 1937), and listed for northwestern Tanzania by White (1963), it is not given for Tanzania by Mackworth-Praed & Grant (1960) or Hall & Moreau (1970).

PLOCEUS SUBAUREUS AUREOFLAVUS Golden Weaver

Seven males and one female at Mikindani.

PETRONIA SUPERCILIARIS Yellow-spotted Petronia

Three males and five females at Mikindani; a male and two females at Soga.

VIDUA PARADISAEA Long-tailed Paradise Whydah

Eight males at Mikindani.

AMANDA SUBFLAVA Zebra Waxbill

Male and four females at Mikindani; a male at Soga.

ESTRILDA PERREINI Lavender Waxbill

Male and female in miombo woodland at Namabengo, 18 Nov 1964.

LONCHURA BICOLOR NIGRICEPS Rufous-backed Mannikin

Four males and three females at Mikindani.

LONCHURA FRINGILLOIDES Magpie Mannikin

Three males and three females at Mikindani.

LONCHURA GRISEICAPILLA Grey-headed Silverbill

Three males and two females from the North Pare mountains.

PYRENESTES MINOR Lesser Seedcracker

Namabengo, low bush by stream, female on 21 Aug 1964 and a male on 25 Nov 1964; female in cultivation bordered by forest at Tegetero, 2 Feb 1955; one in the Ulugurus, 15 May 1952.

PYTILIA AFRA Orange-winged Pytilia

Two males and two females at Namabengo; two females at Mikindani; male and female at Kitangari.

URAEGINTHUS ANGOLENSIS Cordon-bleu

Four males and three females at Mikindani.

SERINUS SULPHURATUS Brimstone Canary

Five males and five females at Mikindani.

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